

CLAIMS

What Is Claimed Is:

1. A DSS terrestrial-satellite communications network
 5 having a user interface for viewing multiple camera angles of a
 single satellite television broadcast event transmitted over
 multiple video channels, each video channel providing a different
 camera angle display at a given venue, said network comprising:
 a plurality of cameras situated at the venue for capturing
 10 multiple video images of said single event, each said video image
 representing a different said camera angle display from the event;
 an uplink transmitter transmitting said multiple video images
 from said event on a plurality of the video channels;
 a first set of one or more communication satellites for
 15 receiving said multiple video images and transmitting said images
 as broadcast signals;
 a broadcast center for receiving said transmitted broadcast
 signals;
 a second set of one or more satellites for receiving said
 20 broadcast signals from said broadcast center, said second set of
 satellites to transmit said broadcast signals to user receiving
 means situated within said satellite's coverage area;
 a viewing device connected to said receiving means; and

video image selection means for providing a user with a means of selecting from said multiple video images of said event.

2. The network of claim 1 wherein said broadcast signals
5 further comprise information bundled with said multiple video images.

3. The network of claim 2 wherein said information is
comprised of data about the event and does not change as the event
10 progresses.

4. The network of claim 3 further comprising means for
viewing said information.

15 5. The network of claim 2 wherein said information is
comprised of dynamically updated data about the event and changes
as the event progresses.

6. The network of claim 5 further comprising means for
20 viewing said information.

7. The network of claim 2 wherein said video image
selection means comprises a remote control device and said viewing

device further includes on-screen viewing indicia to facilitate navigation between said camera angle displays.

8. The network of claim 7 wherein said on-screen indicia
5 comprises a transparent bar, a navigational key display to provide the user with directional navigation instructions, and a textual description of the current camera angle being viewed, all superimposed upon said viewing device.

10 9. The network of claim 8 further comprising means for determining where each said camera is located at said venue.

10. A user interface for allowing a user to select from and
view a plurality of video images each representing a unique
15 camera angle captured by one or more cameras at an event at a given venue, said user interface comprising:

a viewing device for viewing said images; and

video image selection means for providing a user with a means
of selecting from a variety of said camera angles for viewing said
20 event.

11. The user interface of claim 10 wherein said images are received from a downlink broadcast from one or more communications

satellites in a DSS terrestrial-satellite communications network.

12. The user interface of claim 11 further comprising information bundled with said video images.

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13. The user interface of claim 12 further comprising means for viewing said information.

14. The user interface of claim 13 wherein said information
10 comprises static data about the event and does not change as the event progresses.

15. The user interface of claim 13 wherein said information
is comprised of dynamically updated data about the event and
15 changes as the event progresses.

16. The user interface of claim 13 wherein said video image
selection means comprises a remote control device to provide
navigation between said images, and said viewing device further
20 includes on-screen viewing indicia to facilitate navigation
between said camera angle displays.

17. The user interface of claim 16 wherein said on-screen

indicia comprises a transparent bar, a display of navigation keys to provide the user with directional navigation instructions, and a textual description of the current camera angle being viewed, all superimposed upon said viewing device.

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18. The user interface of claim 17 further comprising means for determining where each said camera is located at said venue.

19. A method of providing a user with multiple camera views
10 of a single, multiple video channel satellite-broadcast event utilizing on-screen video indicia to coordinate selection of one of the multiple camera views view comprising the steps of:

providing a plurality of cameras at a venue for capturing multiple video images of said single event, each said video image
15 representing a different camera angle display from the event;

transmitting said multiple video images from said event on a plurality of video channels;

providing a first set of one or more communication satellites for receiving said multiple video images and transmitting said
20 images as broadcast signals to a broadcast center;

providing a second set of one or more satellites for receiving said broadcast signals from said broadcast center, said second set of satellites to transmit said broadcast signals to

user receiving means situated within said satellite's coverage area;

providing a viewing device connected to said receiving means;
and

5 providing video image selection means for allowing a user to select an image from said multiple video images of said event.

20. The method of claim 19 wherein said broadcast signals further comprise information bundled with said multiple video
10 images.

21. The method of claim 20 wherein said information is comprised of static data about the event and does not change as the event progresses.

15 22. The method of claim 21 further comprising the step of viewing said information.

20 23. The method of claim 20 wherein said information is comprised of dynamically updated data about the event and changes as the event progresses.

24. The method of claim 23 further comprising the step pf

viewing said information.

25. The method of claim 20 wherein said video image selection means comprises a remote control device and said viewing
5 device further includes on-screen viewing indicia to facilitate navigation between said camera angle displays.

26. The method of claim 25 wherein said on-screen indicia comprises a transparent bar, a navigational key display to provide
10 the user with directional navigation instructions, and a textual description of the current camera angle being viewed, all superimposed upon said viewing device.

27. The method of claim 26 further comprising the step of
15 determining where each said camera is located at said venue.